As a University of Excellence, Universität Hamburg is one of the strongest research universities in Germany. As a flagship university in the greater Hamburg region, it nurtures innovative, cooperative contacts to partners within and outside academia. It also provides and promotes sustainable education, knowledge, and knowledge exchange locally, nationally, and internationally.

Pending approval of external funding the Faculty of Mathematics, Informatics and Natural Sciences, Department of Informatics, Working Group on Security and Privacy invites applications for

**TWO RESEARCH ASSOCIATE POSITIONS IN THE PROJECT "KI-SPACE FÜR INTELLIGENTE GESUNDHEITSSYSTEME (KI-SIGS)" (AI SPACE FOR INTELLIGENT HEALTH SYSTEMS)**

- SALARY LEVEL 13 TV-L -

The position in accordance with Section 28 subsection 3 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG) commences on 1st April 2020.

This is a fixed-term contract in accordance with Section 2 of the academic fixed-term labor contract act (Wissenschaftszeitvertragsgesetz, WissZeitVG). The term is fixed for a period of 3 years. The position calls for 100 % of standard work hours per week**. This position is also suitable for part time employment.

**RESPONSIBILITIES:**

Duties include academic services in the project named above (75%). The remaining working time primarily include teaching and research (25%). Research associates may also pursue independent research and further academic qualifications.

**SPECIFIC DUTIES:**

The area of responsibility includes contributing to the development of a secure platform for the distributed storing and privacy-aware processing of sensitive medical data. In addition to working on the project (75%), the area of responsibility also includes participation in giving lectures and the supervision of theses (25%) with a total of 1 semester hour.

* Full-time positions currently comprise 39 hours per week.
**REQUIREMENTS:**

A university degree in a relevant field. In addition, candidates should have a profound knowledge in the fields of distributed systems, computer networks, and IT security. Furthermore, additional knowledge in one or more of the following fields is expected:
- data protection and privacy enhancing technologies,
- machine learning and AI, e.g. federated learning,
- access control and identity management, and
- cryptography.

Apart from the technical knowledge, we expect good methodical, presentation, communication, and excellent language skills, especially in English, the ability to work in teams, as well as the ability to work independently.

The Free and Hanseatic City of Hamburg promotes equal opportunity. As women are currently underrepresented in this job category at Universität Hamburg according to the evaluation conducted under the Hamburg act on gender equality (Hamburgisches Gleichstellungsgesetz, HambGleiG), we encourage women to apply for this position. Equally qualified and suitable female applicants will receive preference.

Qualified disabled candidates or applicants with equivalent status receive preference in the application process.

For further information, please contact Prof. Dr. Mathias Fischer (mathias.fischer@uni-hamburg.de) and Prof. Dr. Hannes Federrath (federrath@informatik.uni-hamburg.de) or consult our website at snp.informatik.uni-hamburg.de.

Applications should include a cover letter, a tabular curriculum vitae, and copies of degree certificate(s). Please send applications by 31st March 2020 to: Britta Böhm (boehm@informatik.uni-hamburg.de).

Please do not submit original documents as we are not able to return them. Any documents submitted will be destroyed after the application process has concluded.